

## **SPINAL STABILIZATION SYSTEMS**

### **ABSTRACT**

Spinal stabilizing elements and spinal stabilization systems composed of spinal stabilizing elements in combination with disc prostheses or disc nucleus replacements are provided. The stabilizing elements and stabilization systems are designed to preserve the natural mobility of vertebral discs and facet joints in patients with facet joint disease or patients who has undergone a prior destabilizing procedure, such as a facetectomy. The stabilizing elements may be pivoting elements or dynamic elements.